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Patent



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: QIU

Application Serial No.: 10/644,229

Filing Date: August 20, 2003

For: METHODS AND APPARATUS FOR
CHARACTERIZING SUBSCRIBER
LOOP BASED ON ANALYSIS OF
DSL HANDSHAKING SIGNALS
AND FOR OPTIMIZATION OF DSL
OPERATION

)
Group Art Unit: 2643
)
Examiner: Tran, Quoc Duc
)
RESPONSE TRANSMITTAL
)
Attorney Docket No.: P16581
)
PTO Customer Number 28062
) Buckley, Maschoff & Talwalkar LLC
) Attorneys for Intel Corporation
) Five Elm Street
) New Canaan, CT 06840
)
)

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on January 31, 2006.

Dated: January 31, 2006 By: 
Edith Martin

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are:

1. Amendment/Response to Non-Final Office Action mailed December 1, 2005
2. Additional Enclosures: Acknowledgement Postcard

FEE CALCULATION

For	Current	Prev. Paid	No. Extra	Rate	Fee
Total Claims	16	- 47	0	\$ 50.00	\$ 0.00
Indep. Claims	5	- 10	0	\$ 200.00	\$ 0.00
Multiple Dependent Claims (add \$300.00 if applicable)					\$ 0.00
No Petition for Extension of Time is Required					\$ 0.00
OTHER FEE (specify purpose):					\$ 0.00
					TOTAL FEE \$ 0.00

The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-1852 as described below. A duplicate copy of this sheet is enclosed.

- Credit any overpayment.
- Charge any additional fees required under 37 CFR 1.16 and 1.17.

Respectfully submitted,



January 31, 2006

Date

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(203) 972-3460



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Commissioner for Patents
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Alexandria, VA 22313-1450

Sir:

In response to the Non-Final Office Action mailed December 1, 2005, please amend the above-identified application as follows.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 8 of this paper.